

What is claimed is:

1. An output processing system for performing a predetermined output process on print data, comprising:

- 5 a) a data input device for inputting said print data;
- b) an output device for performing an output process on said print data;
- c) a data storage device capable of storing said print data therein, said data storage device including

- 10 c-1) a first database having stored therein information for identifying individual media to be printed,

- c-2) a second database having stored therein a set of output parameters for each of said media,

- c-3) a third database having stored therein order information for printing,

- 15 c-4) a fourth database having stored therein storage destination information about said print data, and

- c-5) a fifth database having stored therein setting information for setting a predetermined set of output parameters for said output device, based on the contents of said first to fourth databases; and

- 20 d) an output data processing device for setting said predetermined set of output parameters for said output device based on the details of an order, said output data processing device including

- d-1) an input processing element for storing data required for establishment of said setting information into said first to fifth databases,

- 25 d-2) an output processing element for transferring to said output device said predetermined set of output parameters conforming to a predetermined condition among

said sets of output parameters stored in said second database, and

d-3) a print data processing element for storing said print data in said data storage device and for reading said print data from said data storage device to transfer said print data to said output device,

5 wherein said output device performs said output process on said print data transferred by said print data processing element in accordance with said predetermined set of output parameters transferred by said output processing element.

2. In a printing processing system for performing a predetermined output
10 process on print data, an output parameter setting device for setting a predetermined set of output parameters suitable for a medium to be printed in an output device, said output parameter setting device comprising:

a) a data storage device capable of storing said print data therein, said data storage device including

15 a-1) a first database having stored therein first records including information for identifying individual media to be printed,

a-2) a second database having stored therein second records including a set of output parameters for each of said media,

a-3) a third database having stored therein third records including order
20 information for printing,

a-4) a fourth database having stored therein fourth records including storage destination information about said print data, and

a-5) a fifth database having stored therein fifth records including setting information for setting said predetermined set of output parameters for said output device,
25 based on the contents of said first to fourth databases; and

b) an output data processing device for setting said predetermined set of output parameters for said output device based on the details of an order, said output data processing device including

5 b-1) an input processing element for storing data required for establishment of said setting information into said first to fifth databases,

 b-2) an output processing element for transferring to said output device said predetermined set of output parameters conforming to a predetermined condition among said sets of output parameters stored in said second database, and

10 b-3) a print data processing element for storing said print data in said data storage device and for reading said print data from said data storage device to transfer said print data to said output device.

3. The output parameter setting device according to claim 2, wherein
 said first and second records are stored beforehand, and
15 said third, fourth and fifth records are added each time an order is received.

4. The output parameter setting device according to claim 3, wherein
 said input processing element includes:

20 b-1-1) a first relation element for incorporating information about relation between said order information and said media into said setting information to store said information about relation into said fifth database; and

 b-1-2) a second relation element for storing information about relation between said order information and said storage destination information about said print data into said fourth database.

5. The output parameter setting device according to claim 4, wherein

a predetermined fifth record is selected among said fifth records stored in said fifth database;

said output processing element transfers to said output device said
 5 predetermined set of output parameters corresponding to said setting information described in said selected fifth record; and

said print data processing element transfers to said output device said print data corresponding to said setting information described in said selected fifth record.

10 6. A method of setting a predetermined set of output parameters suitable for a medium to be printed in an output device in an output processing system for performing a predetermined output process on print data, said method comprising the steps of:

(a) storing in first to fifth databases data required for establishment of setting information for setting said predetermined set of output parameters for said output device;

15 (b) transferring to said output device said predetermined set of output parameters conforming to a predetermined condition among sets of output parameters stored in said second database;

(c) storing said print data in a data storage device; and

(d) reading said print data from said data storage device to transfer said print
 20 data to said output device,

wherein said output processing system includes said data storage device having said first to fifth databases,

said first database having stored therein first records including information for identifying individual media to be printed,

25 said second database having stored therein second records including said sets of

output parameters respectively for said media,

said third database having stored therein third records including order information for printing,

5 said fourth database having stored therein fourth records including storage destination information about said print data,

said fifth database having stored therein fifth records including setting information for setting said predetermined set of output parameters for said output device, based on the contents of said first to fourth databases,

10 said predetermined set of output parameters being set based on the details of an order.

7. The method according to claim 6, wherein

said first and second records are stored beforehand, and

said third, fourth and fifth records are added each time an order is received.

15

8. The method according to claim 7, wherein

said step (a) includes the steps of:

20 a-1) incorporating information about relation between said order information and said media into said setting information to store said information about relation into said fifth database; and

a-2) storing information about relation between said order information and said storage destination information about said print data into said fourth database.

9. The method according to claim 8, wherein

25 in said step (b), a predetermined fifth record is selected among said fifth records

stored in said fifth database, and said predetermined set of output parameters corresponding to said setting information described in said selected fifth record are transferred to said output device; and

in said step (d), said print data corresponding to said setting information
5 described in said selected fifth record is transferred to said output device.

10. A program executed by a computer to cause said computer to function as an output data processing device in a printing processing system, said output data processing device setting a predetermined set of output parameters for an output device based on the
10 details of an order, said output data processing device comprising:

a) an input processing element for storing in first to fifth databases data required for establishment of setting information for setting said predetermined set of output parameters for said output device,

said first database having stored therein first records including information for
15 identifying individual media to be printed,

said second database having stored therein second records including a set of output parameters for each of said media,

said third database having stored therein third records including order information for printing,

20 said fourth database having stored therein fourth records including storage destination information about said print data,

said fifth database having stored therein fifth records including said setting information, based on the contents of said first to fourth databases;

b) an output processing element for transferring to said output device said
25 predetermined set of output parameters conforming to a predetermined condition among

said sets of output parameters stored in said second database; and

c) a print data processing element for storing said print data in a predetermined data storage device provided in said printing processing system and for reading said print data from said data storage device to transfer said print data to said output device.

5

11. The program according to claim 10, wherein

said input processing element stores said first to fifth records in said first to fifth databases provided in said data storage device.